



SUBSTITUTE SEQUENCE LISTING

<110> Mitsukan Group Corporation
Goto, Hidetsugu

<120> Structural gene responsible for high temperature tolerance in acetic acid bacteria, acetic acid bacteria transformed with said gene, and acetic acid fermentation using said transformants.

<130> 271245US0PCT

<140> 10/538,481

<141> 2003-12-04

<150> PCT/JP03/15542

<151> 2003-12-04

<150> JAPAN 2002-356844

<151> 2002-12-09

<160> 7

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<212> DNA

<213> Gluconacetobacter entanii

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<213> Gluconacetobacter entanii

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Pro Pro Val Ser Val Leu Lys Pro Leu His Gly Asp Glu Pro Leu Leu
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Glu Glu Ala Leu Glu Ser Phe Cys Thr Gln Asp Tyr Pro Gln Met Gln
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Ile Val Phe Gly Val Gln Ala Glu Asp Asp Ala Ala Ile Pro Ile Val
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Gln Arg Leu Met Glu Arg His Pro Asp Val Gln Met Glu Leu Val Ile
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Arg Tyr Val Arg Asp Arg Gly Lys Asp Ile Ala Ile Ala Ala Cys Met
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